

Crop and Soil Sciences – Soil Science

NC Community College Pathway for Bachelor of Science degree in Crop and Soil Sciences with a concentration in Soil Science (11CSSCBS-11CSSCSSC)

This pathway plan assumes the student has placed out of all developmental and prerequisite courses. North Carolina Community College classes are listed below in **bold** with the fulfilled NC State degree requirement listed next to the course. While a pathway for transition to NC State, this guide should be used for advising purposes only. Questions related to the community college courses should be directed to a community college advisor. Questions related to NC State courses can be directed to the cropsoil-undergraduate-office@ncsu.edu

NC COMMUNITY COLLEGE FIRST YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 111 – ENG 101 Academic Writing and Research	3	ENG 112 – GEP Requirement	3
MAT 263 – MA 121 Elements of Calculus	4	Humanities GEP Elective ^a	3
BIO 111 – BIO 183 Intro. Biol: Cell. & Molec. Biol.	4	BIO 112 – BIO 181 Intro to Biology: Ecol, Evol, and Biodiversity	4
COM 120 or 231 – COM 110 Public Speaking or COM 112 Interpersonal Communications	3	MAT 152 – ST 311 Intro to Statistics	3
ACA 122 – Free Elective	1	Social Sciences GEP Elective ^b	3
Total:		Total:	
15		16	

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NC COMMUNITY COLLEGE SECOND YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
CHM 151 – CH 101 & 102 General Chemistry & Lab	4	PHY 110 & 110A – PY 131 Conceptual Physics	4
HUM 110 – Interdisciplinary Perspectives GEP Elective	3	GEL 111 – MEA 110 & 111 Geology	4
ECO 251 – ARE 201 Intro to Agricultural and Resource Economics	3	Humanities GEP Elective ^a	3
Additional Breadth GEP Elective ^c	3	POL 120 or POL 130 – Economics, Management and Policy Elective ³	3
Free Electives ^d	4		
Total:		Total:	
17		14	

NC STATE UNIVERSITY JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ALS 303 Transfer Transitions & Diversity	1	SSC 332 Environ. Soil Microbiology	3
CSSC 290 Professional Development in Plant and Soil Sciences	1	SSC 442 Soil & Environmental Biogeochemistry	3
Foundation Elective ¹	3	SSC 452 Soil Classification	4
CS 213 Crop Science	3	Economics, Management and Policy Elective ³	3
CS 214 Crop Science Laboratory	1	Restricted Elective ⁴	3
SSC 200 Soil Science	3	Physical Education/Healthy Living Elective	1
SSC 201 Soil Science Laboratory	1		
Physical Education/Healthy Living Elective	1		
Total:		Total:	
14		17	

NC STATE UNIVERSITY SENIOR YEAR

FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
SSC 341 Soil Fertility & Nutrient Management	3	SSC 342 Soil & Plant Nutrient Analysis	1
SSC 461 Soil Physical Properties & Plant Growth	3	Soil Science Elective ²	6
Restricted Elective ⁴	3	PB 321 Intro to Whole Plant Physiology	3
Experiential Learning Elective ⁵	3	Restricted Elective ⁴	6
ENG 331 Comm for Engineering & Technology or	3	CSSC 490 Senior Seminar	1
ENG 332 Comm for Business & Management or			
ENG 333 Comm for Science & Research			
Total:	15	Total:	17

Major/Program Footnotes:

¹ Foundation Elective: Select from FW 221 or SSC 185.

² Soil Science Electives: Select from SSC 421, SSC 427, SSC 440, SSC 462, and SSC 470.

³ Economics, Management and Policy Electives: Select from ACC 280, ARE 215, ARE 306, ARE 309, ARE 312, ARE 332, ARE 336, CS 418, NR 460, PS 201, PS 202, and PS 320.

⁴ Restricted Electives: Select from AES 323, BAE 325, CS 200, CS 211, CS 216, CS 218, CS 224, CS 230, CS 312, CS 410, CS 411, CS 414, CS 415, CS 424, CS 430, ES 100, ES 150, ET 201, ET 202, ET 203, FOR 420, GIS 280, MEA 300, NR 300, NR 400, NR 421, SSC 410, and SSC 428.

⁵ Experiential Learning Elective: Select from CSSC 492 or CSSC 493

Transfer Translator

Community College Course	NC State Course Equivalent
^a Humanities GEP Electives (total of 6 credits required) <i>Choose two courses from different disciplines</i>	
ENG 231 American Literature I	ENG 265
ENG 232 American Literature II	ENG 266
ENG 233 Major American Writers	ENG 252
ENG 241 British Literature I	ENG 262
ENG 242 British Literature II	ENG 262
ENG 243 Major British Writers	ENG 251
ENG 251 West World Literature I	ENG 221
ENG 252 West World Literature II	ENG 222
ENG 273 African-Amer Lit	ENG 248
ENG 275 Science Fiction	ENG 376
HIS 111* or HIS 121 World or West Civ. I	HI 207
HIS 112 World Civilization II	HI 205
HIS 212 Medieval History	HI 208
HIS 213 Modern Europe to 1815	HI 209
HIS 214 Modern Europe since 1815	HI 210
HIS 121 Western Civilization I	HI 207
HIS 122 Western Civilization II	Hi 205
HIS 131 American History I	HI 251
HIS 132 American History II	HI 252
HIS 165 Twentieth Century World	HI 233
HIS 211 Ancient History	HI 207
HIS 212 Medieval History	HI 208
HIS 213 Modern Europe to 1815	HI 209
HIS 214 Modern Europe since 1815	HI 210
HIS 236 North Carolina History	HI 364
HIS 251 English History I	HI 221
HIS 252 English History II	HI 222
PHI 215 Philosophical Issues	PHI 205
PHI 220 Western Philosophy I	PHI 300
PHI 221 Western Philosophy II	PHI 301
PHI 230 Intro to Logic	PHI 250
PHI 240 Introduction to Ethics	PHI 221
PHI 250 Philosophy of Science	PHI 340
REL 211 Intro to Old Testament	REL 311
REL 212 Intro to New Testament	REL 312

Community College Course	NC State Course Equivalent
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REL 221 [#] Religion in America	REL 320
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^c Additional Breadth GEP Elective (total of 3 credits required) Choose one course

ENG 231 American Literature I	ENG 266
ENG 232 American Literature II	ENG 261
ENG 233 Major American Writers	ENG 252
ENG 241 British Literature I	ENG 262
ENG 242 British Literature II	ENG 251
ENG 243 Major British Writers	ENG 221
ENG 251 West World Literature I	ENG 222
ENG 252 West World Literature	ENG 248
ENG 273 African-Amer Lit	ENG 376
ENG 275 Science Fiction	ENG 376
HIS 111 World Civilizations I	HI 207
HIS 112 World Civilizations II	HI 205
HIS 211 Ancient History	HI 207
HIS 212 Medieval History	HI 208
HIS 213 Modern Europe to 1815	HI 209
HIS 214 Modern Europe since 1815	HI 210
HIS 131 American History I	HI 251
HIS 132 American History II	HI 252
MUS 110 Music Appreciation	MUS 105
MUS 112 Introduction to Jazz	MUS 260
PHI 215 Philosophical Issues	PHI 205
PHI 220 Western Philosophy I	PHI 300
PHI 240 Introduction to Ethics	PHI 221
PSY 150 General Psychology	PSY 200
REL 110* World Religions	REL 210
REL 211* Intro to Old Testament	REL 311
REL 212* Intro to New Testament	REL 312
REL 221 Religion in America	REL 320
SOC 210 Introduction to Sociology	SOC 202
SOC 213 Sociology of Family	SOC 204
SOC 220 [#] Social Problems	SOC 203
SOC 230 Race & Ethic Relations	SOC 305
SOC 240 Social Psychology	SOC 301
SOC 242 Social Deviance	SOC 301
SOC 252 Sociology of Work	SOC 205

^b Social Sciences GEP Elective (total of 3 credits required) Choose one course

ANT 220* Cultural Anthropology	ANT 252
ANT 230 Physical Anthropology	ANT 251
ANT 240* Archaeology	ANT 253
PSY 150 General Psychology	PSY 200
PSY 241 Developmental Psych	PSY 376
PSY 237 Social Psychology	PSY 311
PSY 263 Educational Psychology	EDP 304
SOC 210 Introduction to Sociology	SOC 202
SOC 213 Sociology of Family	SOC 204
SOC 220 Social Problems	SOC 203
SOC 230 Race & Ethic Relations	SOC 305
SOC 240 Social Psychology	SOC 301
SOC 242 Sociology of Deviance	SOC 206
SOC 252 Sociology of Work	SOC 205

* Course numbers followed by an * will also count for NC State University's Global Knowledge requirement.

Course numbers followed by a # will also count for NC State University's US Diversity requirement.

^d **Free Electives** – Any course that transfers to NC State University. Reference: go.ncsu.edu/transfer-translator